

## CLAIMS

1. (Currently Amended) A method comprising:

advertising, from a primary terminal client coupled to a plurality of small displays, the availability of a contiguous large display to a terminal server, the large contiguous display comprising the plurality of small displays that are controlled by thin clients, the primary terminal client being a gateway device that presents itself as a single client to the terminal server while presenting itself as another server to the thin clients;

receiving a remote terminal services environment over a network from the terminal server at the primary terminal client, the remote terminal services environment formatted for display on the large contiguous display that comprises the plurality of small displays;

receiving configuration information respectively from a plurality of thin clients at the primary terminal client, each of the received configuration information including attribute information associated with a small display that is part of the large contiguous display;

reformatting the remote terminal services environment on the primary terminal client for display on a number of the plurality of small displays that are part of the large contiguous display;

distributing reformatted remote terminal services environment from the primary terminal client to at least some of the small displays; and

managing an active cursor that is displayed on the large contiguous display to pass the active cursor from one of the small displays to another of the small displays in response a mouse movement received by the primary terminal client.

2. (Previously Presented) A method as recited in claim 1, wherein the distributing comprises distributing the reformatted remote terminal services environment to the thin clients, each of the plurality of thin clients configured to drive one of the small displays being part of the large contiguous display.

3. (Previously Presented) A method as recited in claim 1, further comprising:  
determining a large contiguous display resolution based on the received configuration information from the plurality of thin clients; and

sending a request to the terminal server from the primary terminal client to transfer the video data from the network computer to the primary terminal client at the large contiguous display resolution, and

wherein the received configuration information from each of the plurality of thin clients includes an identification, a location and a screen resolution for one of the small displays that is part of the large contiguous display.

4. (Previously Presented) A method as recited in claim 1, wherein the reformatting comprises converting coordinates of drawing commands from large contiguous display coordinates into small display coordinates.

5. (Original) A method as recited in claim 1, wherein the reformatting comprises creating multiple drawing commands from a single drawing command, wherein the single drawing command would otherwise control a drawing that spans two or more of

the small displays.

6. (Currently Amended) A processor-readable medium storing processor-executable instructions configured for:

advertising, from a primary terminal client coupled to a plurality of small displays, the availability of a large contiguous display to a terminal server, the large contiguous display comprising the plurality of small displays that are controlled by thin clients, the primary terminal client being a gateway device that presents itself as a single client to the terminal server while presenting itself as another server to the thin clients;

receiving, at the primary terminal client, configuration information respectively from a plurality of thin clients, each of the received configuration information including attribute information associated with a separate small display that is part of the large contiguous display;

receiving a remote terminal service environment over a computer network at the intermediate computer, the video data configured for display on the large contiguous display;

reconfiguring the remote terminal service environment for display on the small displays in accordance with the configuration information; and

sending reconfigured remote terminal service environment from the primary terminal client to the small displays.

7. (Previously Presented) A processor-readable medium storing processor-executable instructions as recited in claim 6, storing further processor-executable

instructions configured for:

determining a large display resolution from the configuration information; and  
requesting from a network computer, the video data at the large display resolution.

8. (Previously Presented) A processor-readable medium storing processor-executable instructions as recited in claim 7:

wherein the received configuration information from each of the plurality of clients includes an identification, a location and a screen resolution for one of the small displays that is part of the large display; and

wherein the determining a large contiguous display resolution comprises summing the screen resolutions of the small displays according to a location of each the small displays within the large contiguous display.

9. (Previously Presented) A processor-readable medium storing processor-executable instructions as recited in claim 6, wherein the reconfiguring the video data comprises:

altering coordinates of a drawing command to correspond to the small displays;

or

creating multiple new drawing commands from a single drawing command, each new drawing command corresponding to one of the small displays.

10. (Previously Presented) A processor-readable medium storing processor-executable instructions as recited in claim 6, wherein the sending comprises determining which of the small displays to send reconfigured video data to based on which portion of the large contiguous display each of the small displays supports.

11-17. (Canceled).

18. (Currently Amended) A large display system ~~configuration computer~~ comprising:

~~a configuration to:~~

a network server;

a plurality of client computers;

a plurality of small display devices, each small display device to present video data under control of a corresponding client computer;

an intermediate computer to perform tasks that include:

advertis[[e]]ing the availability of a contiguous large display to the network server, the large display comprising the a plurality of small display devices, but advertised as a contiguous large display, the intermediate computer being a gateway device that presents itself as a single client to the network server while presenting itself as another server to the thin clients,[[;]]

receiv[[e]]ing, over a computer network, video data from the network server formatted for display in its entirety on the large display that comprises the plurality of small displays;

receiv[~~e~~]ing configuration data from the ~~a~~ plurality client computers each ~~having an associated display device~~, the configuration data received from each client computer including a physical location and a display resolution of the display device associated therewith; and

reformatting the video data formatted for the large display for display across the display devices associated with the plurality of client computers, the reformatting of the video data for the large display including dividing the video data into distinct video data portions that may be individually rendered on the display devices associated with the plurality of client computers; and

provid[~~e~~]ing the divided video data to the plurality of client computers for display on the plurality of small display devices.

19. (Currently Amended) A system ~~computer~~ as recited in claim 18, wherein the dividing of the video data includes converting coordinates associated with the video data into multiple coordinate sets.

20. (Currently Amended) A system ~~computer~~ as recited in claim 19, wherein the intermediate computer configuration module is further configured to send a coordinate set of the multiple coordinate sets to each of the plurality of client computers.

21. (Canceled).